

AMENDMENTS TO THE CLAIMS:

Please amend claim 1, as shown below. This listing of claims will replace all prior versions and listings of claims in the Application:

Claim 1 (currently amended): A fuel supplier placed in a liquid fuel supply system of a fuel cell, comprising:

a fuel vessel for a plurality of unit cell structures;

a high concentration fuel vessel for supplying a high concentration liquid to the fuel vessel through a permeation control film;

a shutter member placed on the permeation control film and placed between the permeation film and the fuel vessel;

a liquid fuel contained in the fuel vessel; and

a high concentration liquid fuel contained in the high concentration fuel vessel,

~~a first fuel passage for supplying the liquid fuel to the plurality of unit cell structure;~~

and

~~a second fuel passage through which the liquid fuel is collected into the fuel vessel,~~

wherein said permeation control film restricts an amount of transmission of said high concentration liquid fuel based on a fuel concentration of the liquid fuel in said fuel vessel, and comprises ~~[[a]]~~the liquid fuel permeable film that transmits said high concentration liquid fuel, ~~[[a]]~~the shutter member slidably placed on said fuel permeable film such that the shutter member controls an exposed area of said fuel permeable film to the high concentration liquid fuel; ~~and a rotary unit for controlling sliding movement of said shutter member.~~

Claim 2 (cancelled)

Claim 3 (previously presented): The fuel supplier as claimed in Claim 1, wherein said permeation control film changes its shape depending on the concentration of said liquid fuel such that the amount of transmission of said high concentration liquid fuel is changed.

Claim 4 (original): The fuel supplier as claimed in Claim 3, wherein said film shrinks and expands depending on the concentration of said liquid fuel so as to change its open area ratio.

Claim 5 (cancelled)

Claim 6 (previously presented): The fuel supplier as claimed in Claim 1, wherein said shutter member restricts the amount of transmission of said high concentration liquid fuel based on the fuel concentration of said liquid fuel in said fuel vessel.

Claim 7 (previously presented): The fuel supplier as claimed in Claim 1, wherein said permeation control film has a cut portion formed therethrough, and a surface of said permeation control film is allowed to expand and contract such that the cut portion changes its shape and that the exposed area of said permeable control film is controlled.

Claim 8 (previously presented): The fuel supplier as claimed in Claim 1, further comprising a shutter control member that allows said shutter member to slide on the surface of said fuel permeable film such that the exposed area of said fuel permeable film is controlled.

Claim 9 (previously presented): The fuel supplier as claimed in Claim 1, wherein said liquid fuel permeable film restricts the amount of transmission of said high concentration liquid fuel based on the fuel concentration of said liquid fuel in said fuel vessel.

Claim 10 (cancelled)

Claim 11 (previously presented): A fuel cell, comprising:
a solid electrolyte membrane;

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a fuel electrode and an oxidant electrode placed on said solid electrolyte membrane;
and
a fuel supply system that supplies a fuel to said fuel electrode, wherein said fuel supply system has the fuel supplier as claimed in Claim 1.

Claim 12 (cancelled)

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